

IN THE CLAIMS

Please amend the Claims as follows:

1. (Presently amended) A lock for an opening leaf of a motor vehicle comprising:

- operating means for opening from the outside of the motor vehicle and operating means for opening from the inside of the motor vehicle,
- a primary lever which is mounted so that it can pivot about a fixed primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the outside,
- a secondary lever which is mounted so that it can pivot about a fixed secondary pin, substantially parallel to the primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the inside,
- a driving member which is connected to the primary lever in order to directly pivot the primary lever, from its locking position toward its unlocking position, during an operating phase referred to an outside unlocking phase,

wherein a connection means is arranged between the primary lever and the secondary lever so as to link the angular displacement of the two levers during outside unlocking phase, with the aim of bringing about global unlocking of the lock by pivoting the two levers from their respective locking positions toward their respective unlocking positions;

wherein the connection means is a link rod which comprises a point of articulation on the primary lever and a point of articulation on the secondary lever whereby the position of the articulation points of the link rod is selected so that, during the global unlocking phase, the secondary lever reaches its unlocking position before the primary lever reaches its unlocking position.

2-3 Cancelled.

4. (Previously amended) A lock for an opening leaf of a motor vehicle:

operating means for opening from the outside of the motor vehicle and operating means for opening from the inside of the vehicle,

a primary lever which is mounted so that it can pivot about a fixed primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the outside,

a secondary lever which is mounted so that it can pivot about a fixed secondary pin, substantially parallel to the primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the inside,

a driving member which is connected to the primary lever in order to directly pivot the primary lever, from its locking position toward its unlocking position, during an operating phase referred to an outside unlocking phase, wherein a connection means is arranged between the primary lever and the secondary lever so as to link the angular displacement of the two levers during the outside unlocking phase, with the aim of bringing about global unlocking of the lock by pivoting the two levers from their respective locking positions toward their respective unlocking positions; the connection means is a link rod which comprises a point of articulation on the primary lever and a point of articulation on the secondary lever and the position of the articulation points of the link rod is selected so that, during the global unlocking phase, the secondary lever reaches its unlocking position before the primary lever reaches its unlocking position; and

- the link rod is articulated at a fixed point the primary lever,
- the link rod is articulated on the secondary lever by means of an axial peg which is borne by the link rod and which interacts with an edge of a slot made in the secondary lever, so that the link rod links the angular displacement of the two levers only during the global unlocking phase.

5. (Previously amended) The lock as claimed in claim 4, wherein the edge of the slot is a cam which is configured so that, during the global unlocking phase, the radial distance (R) between the peg and the secondary pin increases, with the aim of allowing the primary lever to continue its pivoting motion as far as its unlocking position, after the secondary lever has reached its unlocking position.

6. (Previously amended) The lock as claimed in claim 5, wherein the cam comprises a final portion relative to the global unlocking phase, which describes a defined angle (β , β') with respect to the direction (H'H) of displacement of the link rod depending on the angular position of the secondary lever during the global unlocking phase, and in that said angle (β , β') is:

- greater than or equal to ninety degrees, at the start of the global unlocking phase, when the secondary lever occupies its locking position,
- less than ninety degrees, during the final step of the global unlocking phase, when the secondary lever wholly occupies its unlocking position and the primary lever does not yet occupy its locking position,

so that, during the final step of the global unlocking phase, the peg is displaced wholly radially outward with respect to the secondary pin, remaining in circumferential contact with the final

portion of the cam, in the direction of unlocking of the secondary lever.

7. (Previously amended) The lock as claimed in claim 6, wherein the final portion of the cam is substantially rectilinear and parallel to a radial direction of the secondary pin, so that, during the final step of the global unlocking phase, the peg is displaced in said radial direction with respect to the secondary pin.

8. (Presently amended) The lock ~~(10)~~ as claimed in claim 5, wherein the cam wholly forms a V, and in that, when the two levers occupy their respective locking positions, the peg bears in the angle of the V formed by the cam.

9. (Presently amended) The lock ~~(10)~~ as claimed in claim 4, wherein, when the two levers occupy their respective unlocking positions, the peg ~~(42)~~ is housed in the slot with a radial clearance, on the side directed away from the secondary pin .

10. (Previously amended) The lock as claimed in claim 8, wherein each lever comprises two opposed circumferential stops which wholly determine the associated angular locking and unlocking positions.

11. (Previously Amended) The lock as claimed in claim 1, wherein said lock comprises means designed to make the secondary lever bistable.

12. Cancelled.

13. (Previously Presented) The lock according to claim 1, wherein said link rod is directly pivotally connected at a fixed location to said primary lever.

14. (Previously Presented) The lock according to claim 13, wherein said link rod is directly displaceably connected to said secondary lever.

15. (Presently Amended) ~~The lock according to claim 1,~~ A lock for an opening leaf of a motor vehicle comprising:

operating means for opening from the outside of the motor vehicle and operating means for opening from the inside of the motor vehicle,

a primary lever which is mounted so that it can pivot about a fixed primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the outside,

a secondary lever which is mounted so that it can pivot about a fixed secondary pin, substantially parallel to the primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the inside,

a driving member which is connected to the primary lever in order to directly pivot the primary lever, from its locking position toward its unlocking position, during an operating phase referred to an outside unlocking phase,

a connection means is arranged between the primary lever and the secondary lever so as to link

the angular displacement of the two levers during outside unlocking phase, with the aim of bringing about global unlocking of the lock by pivoting the two levers from their respective locking positions toward their respective unlocking positions; wherein the connection means is a link rod which comprises a point of articulation on the primary lever and a point of articulation on the secondary lever whereby the position of the articulation points of the link rod is selected so that, during the global unlocking phase, the secondary lever reaches its unlocking position before the primary lever reaches its unlocking position; and

wherein said driving member includes a transfer lever in turn driven by a key operated cylinder, whereby pivoting of said cylinder actuates transfer lever thereby mechanically driving said primary lever about said fixed primary pin.

16. (Previously Presented) The lock according to claim 15, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.

17. (Previously Presented) The lock according to claim 1, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.

18. (Presently Amended) ~~The lock according to claim 14,~~ A lock for an opening leaf of a motor vehicle comprising:

operating means for opening from the outside of the motor vehicle and operating means for opening from the inside of the motor vehicle,

a primary lever which is mounted so that it can pivot about a fixed primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the

means for operating from the outside,

a secondary lever which is mounted so that it can pivot about a fixed secondary pin, substantially parallel to the primary pin, between an angular unlocking position and an angular locking position, in order to inhibit the means for operating from the inside,

a driving member which is connected to the primary lever in order to directly pivot the primary lever, from its locking position toward its unlocking position, during an operating phase referred to an outside unlocking phase,

a connection means is arranged between the primary lever and the secondary lever so as to link the angular displacement of the two levers during outside unlocking phase, with the aim of bringing about global unlocking of the lock by pivoting the two levers from their respective locking positions toward their respective unlocking positions; wherein the connection means is a link rod which comprises a point of articulation on the primary lever and a point of articulation on the secondary lever whereby the position of the articulation points of the link rod is selected so that, during the global unlocking phase, the secondary lever reaches its unlocking position before the primary lever reaches its unlocking position, said link rod is directly pivotally connected at a fixed location to said primary lever, said link rod is directly displaceably connected to said secondary lever ; and

wherein said driving member includes a transfer lever in turn driven by a key operated cylinder, whereby pivoting of said cylinder actuates transfer lever thereby mechanically driving said primary lever about said fixed primary pin.

19. (Previously Presented) The lock according to claim 18, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.

20. (Previously Presented) The lock according to claim 19, wherein each of said primary and secondary levers further includes an associated remotely controlled electric actuator.